



PERISCOPE ON LAND

Simple Arrangement Found of Advantage.

Diagram Shows How System Works Out—Allows Special Parts of Field to Be Brought Under Accurate Observation.

While the periscope of the submarine is developing in the direction of greater optical perfection and elaboration, there has been a return to the simplest and earliest types of periscope for use in land warfare, writes R. D. Chalmers in *Nature*. These are little more than two mirrors with their reflecting surfaces parallel to each other and inclined at an angle of 45 degrees to the direction of the incident light. These mirrors are mounted in tubes or on long rods.

The periscopes of submarines are more elaborate. They consist of principle of two or three telescopes mounted end to end. That illustrated here is made from information supplied by Messrs. Gossen of Berlin.

An outer tube has diagram of periscope spherical glass cover. In the inner tube is the objective system, which can be rotated to face in any direction. The eyepiece, however, remains fixed.

(1) A reversed telescope, giving a reduction of about one-quarter.

(2) A telescope, giving a magnification of about two.

(3) An erecting prism which can be rotated so that the image given by the system is correctly oriented.

(4) A telescope giving a magnification of about three.

This telescope includes a fixed eyepiece and prism, so arranged that the observer looks horizontally at the object. At the focus of the eyepiece are placed a scale and pointer to show the bearing of the object sighted, and a ruling to allow the distance to be estimated when the size of the object is known.

By the aid of the subsidiary system special parts of the field can be further magnified to allow of objects being examined in more detail.

TRENCHES CONTINUED LONG.

If all the trenches dug in Europe during the last eight months were put end to end they would reach from Washington to San Francisco and then back again.

If all the men who have lost their lives in those same trenches during the same space of time were the army and navy and the national guard of these entire United States, America would be without all of these more than necessities.

And not half the men who have given up their lives for Fatherland, Mother country, the Little Father, Le Roi Alber or the memory of Napoleon died in the trenches.

From Switzerland to the North sea are hundreds of miles of trenches, for each of the opposing forces built their trenches opposite each other in lines of from three to fifteen, according to the way one or the other forced their way forward during the late fall, before winter set in and real fighting ended for months.

BATMEN IN MILITARY SERVICE.

The County Palatine engineers ask among other things, for 250 drivers and batmen. What is a batman? The term seems to be only a military one. It apparently means the driver or manager of packhorses. A bat horse is a packhorse which carries officers' luggage. "Bat" is a pack saddle, and like so many military words, it is French. There is a common French proverb, "C'est ce que le bat le blesse"—or that is where the saddle hurts; or, as we say, "where the shoe pinches."—Manchester Guardian.

COPENHAGEN ADVANCING.

Copenhagen has shown its capability of maintaining the title of the "London of Scandinavia." It has the only free harbor in the north of Europe. The city has a sufficiency of banks, and American merchants who formerly had agents and branch offices in other large ports on the continent are beginning to move there.

A JOURNALISTIC COLOR SCHEME.

The great editor sat in a brown study, being a bit blue.

"Why is it that some papers are read," he mused, "while others are yellow?"—Philadelphia Ledger.

ARGENTINE MAGNATE AND FAMILY HERE



Samuel Hale Pearson of Buenos Aires, one of the most important financial men in the world and the greatest capitalist of South America, with his wife (above at left) and two of his daughters. Mr. Pearson came to represent the Argentine Republic at the financial congress in Washington.

TOO ROUGH FOR HIM

SOUTHERN NEGRO QUILTS THE MOVING PICTURE GAME

Hanging and Fire in Jail Altogether Too Realistic for Darkey Who Takes Place of Alleged Picture Actor.

A negro in a southern county seat town had been condemned to die the day of the hanging came and Hasty was taken to the scaffold in the court house yard. The hood was slipped over his head and the noose adjusted.

Just as the sheriff was about to spring the trap a cry of "Fire" was heard and smoke was seen coming from the courthouse windows. The officials and spectators, forgetting their task, rushed to help fight the blaze. Anyway Hasty was tied and could not escape without aid.

During the fire another negro was dragged into the courthouse yard and passed the scaffold. He thought he recognized a familiar form standing on it and proceeded to find out.

"Hello dar," it did you, Hasty?"

"I'm Hasty."

"What you all doin' on dat plat form?"

"I'm a movin' picture actor now, Sam."

"A movin' picture actor?"

"Yessuh, a regular movin' picture actor."

"I'm movin' picture actin' hard work, Hasty."

"It's softer dan eatin' watermelon all day long."

"Is you paid well?"

"Gens five dollars every day for workin' a hour or two."

"Hasty, you all is a friend of mine, isn't you all?"

"I sure is, Sam."

"Then if the white folks what run dis motion picture actor business wants another actor you tell me about me, Hasty."

You can come on in here and take my job right now, Sam. I've tired of motion picture actin' for today. Besides I got to spend the money I've made already."

Sam mounted the steps and released Hasty from his bonds. Hasty then prepared the unsuspecting Sam for hanging. Then he skipped. A few minutes later the sheriff returned. He saw a negro standing patiently on the scaffold. Without further ado he sprung the trap.

Fortunately for Sam the rope was old and broke under the sudden strain. It rolled Sam into the dust of the courthouse yard. He wrenched his hands loose and jerked the hood from his head. Then, rolling his eyes around and rubbing his neck, he said:

"You all white folks can take back your old job. You all too rough."

MILKING BEST GRIPPE KILLER.

The epidemic of influenza that has been troubling the city for nearly a month continued last week, according to a mortality bulletin issued yesterday by the board of health. The state says there were 25 deaths in the city last week from this cause or 20 more than the number for a single week of 1914.

Deputy Health Commissioner Emerson says the best way to avoid catching influenza is to walk a mile in the open air twice a day. It will add ten years to a person's life, the doctor asserts.

The number of deaths reported during the week was 778, compared with 1,566 in the corresponding week of 1914, the death rate increasing from 14.62 to 15.98 per 1,000 of population.

Despite the epidemic of influenza the death rate for the first 16 weeks of the year, 14.66, is 31 below the mortality for a similar period of 1914.—New York Sun.

NOT HIS PREFERENCE.

Little James was taken to a luncheon, and the hostess served roast beef. He had managed to put away everything else she served, but left the meat untouched on his plate. The hostess asked him why he hadn't eaten it and he replied: "I can't eat Sunday meat." He doesn't like roasted meat, and that is what they generally have at his home on Sundays.

A JOURNALISTIC COLOR SCHEME.

The great editor sat in a brown study, being a bit blue.

"Why is it that some papers are read," he mused, "while others are yellow?"—Philadelphia Ledger.

You Should elect

COUNTRY CLUB

The Beer
of Recognized
Quality

Brewed from Choicest
Bohemian Hops and
Selected Barley Malt



M. K. Goetz Brewing Co.

FOR THE BEST FOUNDRY WORK

The Crowther & Rogers
Manufacturing Co.

is the oldest enterprise of its kind in the city of St. Joseph. This plant on the corner of Eighth and Monroe street has been in operation for more than 30 years. They handle and manufacture all kinds of structural steel and castings. They solicit the patronage of all who may need work in their line.

Stock and Grain Farm FOR SALE

DANDY STOCK AND GRAIN FARM OF 280 ACRES FOR SALE
for \$30,000, one-half cash. This is a farm of rich, productive land in high state of cultivation; new buildings; well-fenced and very desirable; possession will be given to purchaser any time. Write

BOOHER & WILLIAMS
SAVANNAH, MO., or
W. H. SHARP, Helena, Mo.

MILTON TOOTLE, Pres. E. H. ZIMMERMAN, Cashier
GRAHAM G. LACY, Vice-Pres. B. R. D. LACY, Ass't Cashier

The Tootle-Lemon National Bank

OF ST. JOSEPH

With Well Established Connections. This Bank has Unsurpassed Facilities in Every Branch of Legitimate Banking.

L. C. BURNES, President JNO. J. WALSH, Ass't Cashier
JAS. H. McCORD, Vice-President

The Burnes National Bank St. Joseph, Mo.

United States Depository
SOLICITS YOUR PATRONAGE

D. B. HEATON, President GEO. J. BE GOLE, Vice-Pres. and Mgr.
J. W. KARL, Sec'y and Treas.

HEATON-BE GOLE Undertaking Co.

FUNERAL DIRECTORS AND EMBALMERS
WITH LADY ATTENDANT

224 South Eighth Street Bell Phone 1782